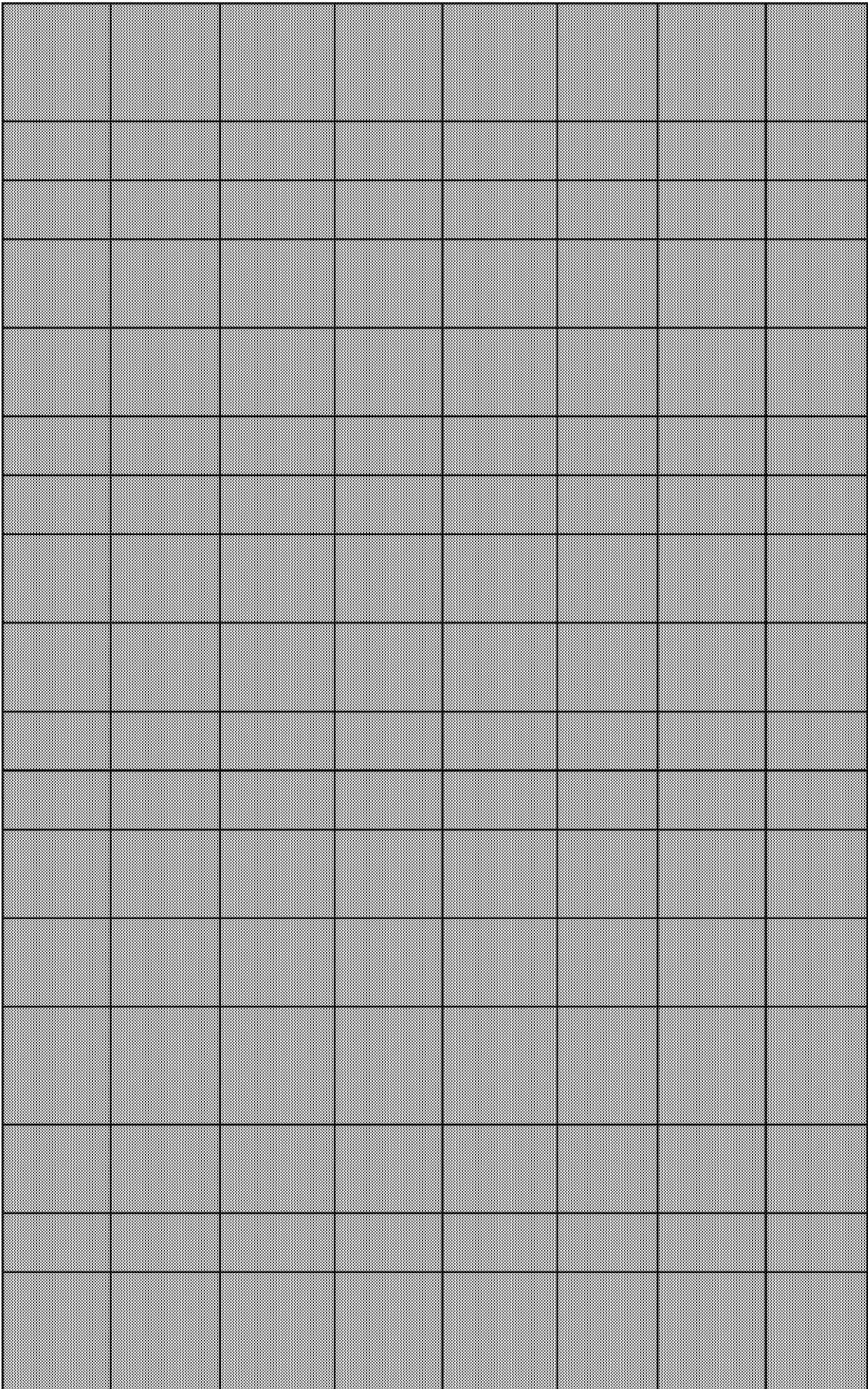


Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1



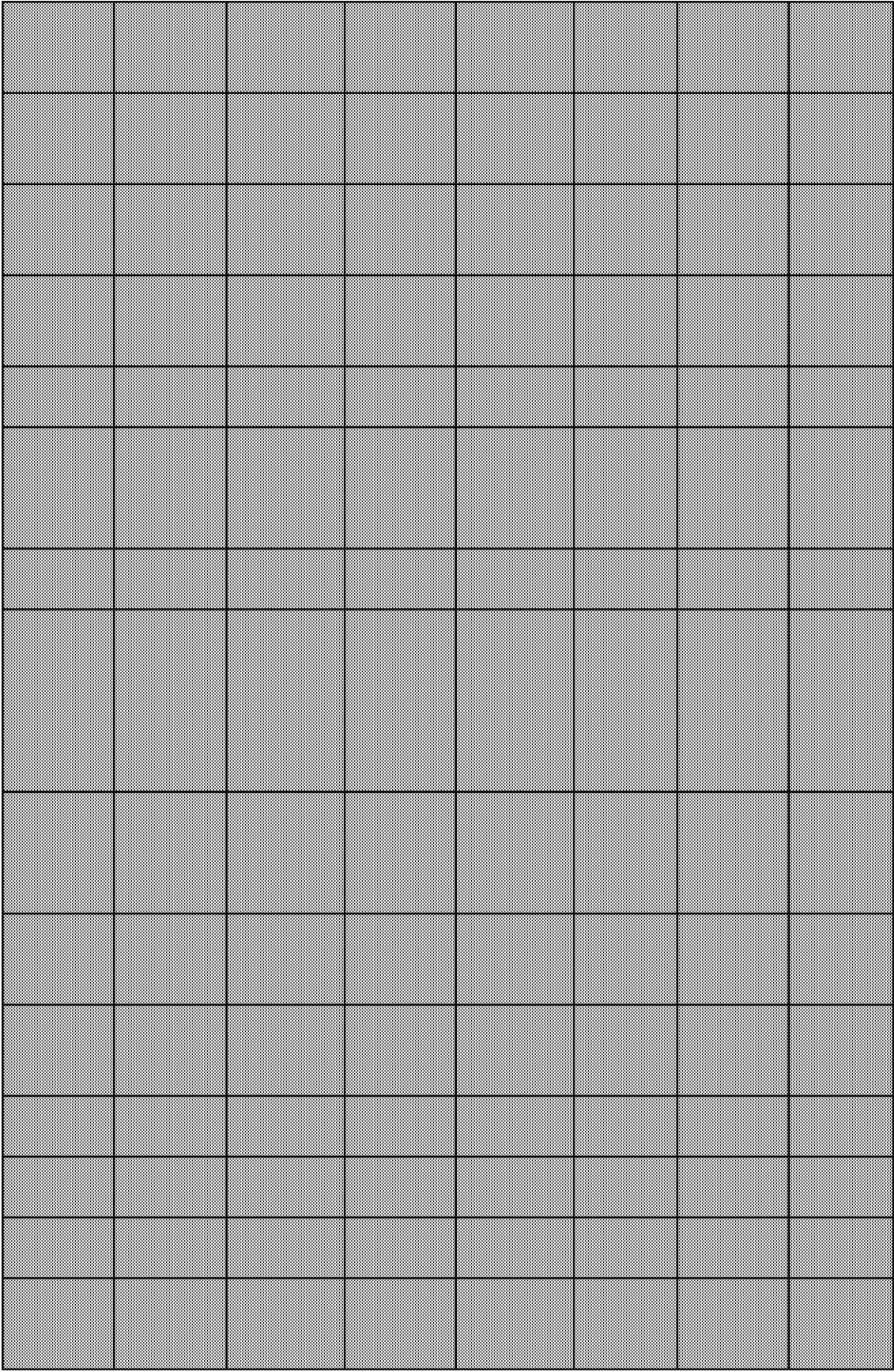
3358
3359
3360
3361
3362
3363
3364
3366
3367
3368
3369
3370
3371
3372
3374

A. M. Amabile-Cuevas C. F. Fuentes. Antioxidant vitamins C and E affect the superoxide-mediated induction of the soxRS regulon of <i>Escherichia coli</i> . <i>Microbiology-Sgm.</i> 1998. 144:1731-1736
Shunsaku Fujihara Kazumasa Liu Shenkui Takano Tetsuo Nishiuchi. Analysis of expressed sequence tags from a NaHCO ₃ -treated alkali-tolerant plant, <i>Chloris virgata</i> . <i>Plant Physiology and Biochemistry.</i> 2010. 48:247-255
L. Setlow P. CasillasMartinez. Alkyl hydroperoxide reductase, catalase, MrgA, and superoxide dismutase are not involved in resistance of <i>Bacillus subtilis</i> spores to heat or oxidizing agents. <i>Journal of Bacteriology.</i> 1997. 179:7420-7425
Britta Poole Robert K. Søballe. Aerobic and anaerobic regulation of the ubiCA operon, encoding enzymes for the first two committed steps of ubiquinone biosynthesis in <i>Escherichia coli</i> . <i>FEBS Letters.</i> 1997. 414:373-376
Che Fu Mashino Tadahiko Fridovich Irwin Kuo. An activity stain for dihydroxy-acid dehydratase. <i>Analytical Biochemistry.</i> 1987. 164:526-530
H. Y. Chang M. S. Rho H. M. Yoo. The activation of the rat copper/zinc superoxide dismutase gene by hydrogen peroxide through the hydrogen peroxide-responsive element and by paraquat and heat shock through the same heat shock element. <i>Journal of Biological Chemistry.</i> 1999. 274:23887-23892
P. Dubrac S. Touati D. Gaudu. Activation of SoxR by overproduction of desulfoferrodoxin: Multiple ways to induce the soxRS regulon. <i>Journal of Bacteriology.</i> 2000. 182:1761-1763
Anon. 1702. Keep an eye on those dipyrilidiums: Campbell, S. (1968). Death from paraquat in a child. <i>Lanceti</i> , 144. Oreopoulos, D. G., Soyannwo, M. A. O., Sinniah, R., Fenton, S. S. A., McGeown, M. G. & Bruce, J. H. (1968). Acute renal failure in case of paraquat poisoning. <i>Br. med. J.</i> 1, 749. Fennelly, J. J., Gallagher, J. T. & Carrol, R. J. (1968). Paraquat poisoning in a pregnant woman. <i>Br. med. J.</i> 3, 722 Cant, J. S. & Lewis, D. R. H. (1968). Ocular damage due to paraquat and diquat. <i>Br. med. J.</i> 2, 224. <i>Food and Cosmetics Toxicology.</i> 1969. 7:89-90
Anon. 1722. More on dipyrilidium toxicity: Gage, J. C. (1968). Toxicity of paraquat and diquat aerosols generated by a size-selective cyclone: Effect of particle size distribution. <i>Br. J. ind. Med.</i> 25, 304. Gage, J. C. (1968). The action of paraquat and diquat on the respiration of liver cell fractions. <i>Biochem. J.</i> 109, 757. <i>Food and Cosmetics Toxicology.</i> 1969. 7:185
Anon. 1834. Nail damage from paraquat and diquat: Samman, P. D. & Johnston, E. N. M. (1969). Nail damage associated with handling of paraquat and diquat. <i>Br. med. J.</i> 1, 818. <i>Food and Cosmetics Toxicology.</i> 1969. 7:687-688
Anon. 2650. More information on paraquat deaths: Fisher, H. K., Clements, J. A. & Wright, R. R. (1973). Enhancement of oxygen toxicity by the herbicide paraquat. <i>Am. Rev. resp. Dis.</i> 107, 246. <i>Food and Cosmetics Toxicology.</i> 1974. 12:158-159
Muris Xiao Mao Behra Renata Eggen Rik I. L. Korkaric. Acclimation of <i>Chlamydomonas reinhardtii</i> to ultraviolet radiation and its impact on chemical toxicity. <i>Aquatic Toxicology.</i> 2015. 167:209-219
G. P. Agnetti V. Piredda M. Canu M. Deserra F. Omar H. A. Rosati G. Sechi. ACUTE AND PERSISTENT PARKINSONISM AFTER USE OF DIQUAT. <i>Neurology.</i> 1992. 42:261-263
M. P. Dyson D. A. Holliman A. Quick. Acute and sub-acute paraquat poisoning in a pack of foxhounds. <i>Journal of the Forensic Science Society.</i> 1990. 30:371-376
O. I. Oniye S. J. Auta J. Ajibola V. O. Ayanda. Acute toxicity of glyphosate and paraquat to the African catfish (<i>Clarias gariepinus</i> , Teugels 1986) using some biochemical indicators. <i>Tropical Zoology.</i> 2015. 28:152-162

The mechanism of activation of Escherichia coli redox sensory protein SoxR is still unclear: a [2Fe-2S] cluster contained in
Chloris virgata Swartz (C. virgata) is a gramineous wild plant that can survive in saline-alkali areas in northeast China. To
Only a single superoxide dismutase (SodA) was detected in Bacillus subtilis, and growing cells of a sodA mutant exhibited
The ubiCA operon of Escherichia coli encodes enzymes for the first two steps of ubiquinone biosynthesis. A monolysogen
An activity stain has been devised for the dihydroxy-acid dehydratase. When applied to polyacrylamide gel electrophoresis
Copper/zinc superoxide dismutase (SOD1) protects cells against oxidative hazards by the dismutation of superoxide radical
The soxRS response, which protects cells against superoxide toxicity, is triggered by the oxidation of SoxR, a transcription
The toxicity of chemical pollutants can be modulated under stressful environmental conditions, such as increased temperature
A case of paraquat poisoning in a pack of foxhounds is reported. The incident provided a unique opportunity to compare

Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant

Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1
Level 1



3375
3376
3377
3378
3379
3380
3381
3382
3383
3384
3385
3387
3388
3389
3390
3392

W. D. Tortorelli M. C. Dimarzio. ACUTE TOXICITY OF PARAQUAT AND NO-INHIBITORY CHRONIC EFFECT ON BRAIN ACETYLCHOLINESTERASE ACTIVITY OF FRESH-WATER FISH BRYCONAMERICUS-IHERINGII (PISCES, CHARADDAE). Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes. 1993. 28:701-709
Wendy Smith Gordon S. Klein-Schwartz. Agricultural and Horticultural Chemical Poisonings: Mortality and Morbidity in the United States. Annals of Emergency Medicine. 1997. 29:232-238
E. S. Jeong M. Lee W. J. Cha. Agricultural Pesticide Usage and Prioritization in South Korea. Journal of Agromedicine. 2014. 19:281-293
Tdad Araujo B. Q. Cito Amdl da Silva J. Saffi J. Richter M. F. Ferraz A. D. F. Andrade. Antioxidant properties and chemical composition of technical Cashew Nut Shell Liquid (tCNSL). Food Chemistry. 2011. 126:1044-1048
A. M. Panemangalore M. Tope. Assessment of oxidative stress due to exposure to pesticides in plasma and urine of traditional limited-resource farm workers: Formation of the DNA-adduct 8-hydroxy-2-deoxy-guanosine (8-OHdG). Journal of Environmental Science and Health Part B-Pesticides Food Contaminants and Agricultural Wastes. 2007. 42:151-155
R. Khonsue W. Varanusupakul P. Noppadon K. Maneein. Association between Atrazine Utilization and Biologic Response of Rice Field Crab Esanthelphusa nani in Paddy Fields of Nan Province, Thailand. Research Journal of Chemistry and Environment. 2011. 15:1018-1023
Henry S. Aghanwa. Attempted suicide by drug overdose and by poison-ingestion methods seen at the main general hospital in the Fiji islands: a comparative study. General Hospital Psychiatry. 2001. 23:266-271
B. W. Martin J. F. Ward J. W. Kilpatrick R. Hancock. Attempted suicide with a pesticide mixture. Resuscitation. 1975. 4:265-269
G. M. Morsy. Bioaccumulation and neurotoxicity of dithiopyridine herbicide in the brain of freshwater fish, Cyprinus carpio. Toxicology and Industrial Health. 2015. 31:1116-1127
Fa-Kuen Hsiao Chia-Teng Wu Jhe-Wei Sue Yu-Chain Bao Ya-Ling Liu Yi-Hsin Wan Lei Hsu Ming-Hua Deka Juti Rani Kao Hsien-Ming Shieh. A bioconjugated design for amino acid-modified mesoporous silicas as effective adsorbents for toxic chemicals. Journal of Hazardous Materials. 2013. 260:1083-1091
M. Sanders C. A. Greenbaum E. Rodriguez. Biosensors for rapid monitoring of primary-source drinking water using naturally occurring photosynthesis. Biosensors & Bioelectronics. 2002. 17:843-849
J. Kleifeld Y. Gressel. CAN WILD-SPECIES BECOME PROBLEM WEEDS BECAUSE OF HERBICIDE RESISTANCE - BRACHYPODIUM DISTACHYON - A CASE-STUDY. Crop Protection. 1994. 13:563-566
S. K. Kang D. Beane-Freeman L. Blair A. Hoppin J. A. Sandler D. P. Lynch C. F. Knott C. Gwak J. Alavanja M. Park. Cancer Incidence Among Paraquat Exposed Applicators in the Agricultural Health Study Prospective Cohort Study. International Journal of Occupational and Environmental Health. 2009. 15:274-281
Y. C. Chang S. C. Hsuan S. C. Chien M. S. Lee W. C. Kang J. J. Wang S. C. Liao J. W. Chan. Cardiovascular effects of herbicides and formulated adjuvants on isolated rat aorta and heart. Toxicology in Vitro. 2007. 21:595-603
Timothy Brown Kimberly M. Wigder Herbert Gillespie Melissa Erickson. A case of paraquat poisoning and subsequent fatality presenting to an emergency department. The Journal of Emergency Medicine. 1997. 15:649-652
Anon. Changes in blood parameters in the paraquat intoxication : Seo K, Inoue Y, Katoh H, et al. Jpn J Acute Med 1989;13: 1137–1143. The American Journal of Emergency Medicine. 1990. 8:167

Acute toxicity of paraquat (PQ) and its effects on brain acetylcholinesterase (AChE) activity of a freshwater fish males and
Study objective: To provide a comprehensive analysis of morbidity and mortality from poisoning by agricultural and horticultural pesticides
This study aims to review agricultural pesticide usage and trends and to identify hazardous pesticides for regulation, in terms of their toxicity to humans and the environment
The present study analysed the antioxidant activity of the technical Cashew Nut Shell Liquid (tCNSL) using the 2,2-diphenylpicrylhydrazyl (DPPH) radical scavenging assay
The objective of this study was to assess the risk of genotoxicity caused due to oxidative stress using plasma and urinary malondialdehyde (MDA) levels
Now-a-days, agrochemicals (especially atrazine, glyphosate and paraquat herbicides) have been widely used with increasing frequency in agriculture
Objective: This study examined the prevalence and the characteristics of deliberate self-poisoning patients seen at the medical emergency department of a tertiary care hospital
An attempted suicide with a pesticide mixture containing pentachlorophenol, benzene hexachloride, dieldrin, metaldehyde and carbaryl was reported
The freshwater carp, <i>Cyprinus carpio</i> , was exposed to 0.5 mg (30% of median lethal concentration (LC50)), 1.0 mg (60% of LC50) and 2.0 mg (100% of LC50) of paraquat for 96 h
A general synthetic method for functionalization of mesoporous silica with amino acid has been developed. The carboxylic acid groups of the amino acid are covalently bonded to the silica surface
Working with primary-source freshwater drinking samples from the Clinch and Tennessee Rivers, we have developed a method for the detection and quantification of paraquat in water
A purported drawback to the use of transgenic herbicide-resistant crops is the fear that the crop or interbreeding wild relatives may become herbicide-resistant
Paraquat (1,1'-dimethyl-4, 4'-bipyridinium dichloride) is a nonselective herbicide that is extremely toxic after acute exposure
Various formulations of agricultural chemicals, including solutions, wettable powders, and emulsifiable concentrates, contain paraquat
Paraquat (1,1'-dimethyl-4,4'-dipyridylium) is an herbicide associated with both accidental and intentional ingestion, leading to severe toxicity

Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant
Not Relevant